

ABSTRACT OF THE DISCLOSURE

The present invention provides an organic electroluminescent device including a pair of electrodes including an anode and a cathode, at least one of which is transparent or translucent; and one or more organic compound layers placed between the pair of electrodes, wherein at least one of the organic compound layers contains a charge transport material that satisfies the following relations:

$$(t_a - t_T) / t_a < 0.5 \dots \text{Expression (1)}$$

$$D / \mu < 20 \dots \text{Expression (2)}$$

wherein, in an electric field of 10 V/ μ m, t_T is a transit time of a transient photocurrent waveform; I_T is a current value at time t_T ; I_a is half of the current value I_T ; t_a is a time at the current value I_a on the transient photocurrent waveform; D and μ are respectively a diffusion coefficient and a true mobility obtained from the transient photocurrent waveform; and D/μ is the ratio of D to μ .